



AGRICULTURAL LIBRARIES INFORMATION NOTES

DR. GEORGE M. DARROW:

AN EMINENT BREEDER OF STRAWBERRIES



USDA photo


A RETROSPECTIVE EXHIBIT OF HIS
LITERATURE, ILLUSTRATIONS, AND
PLANT SPECIMENS

JUNE 1-JULY 31, 1980
NATIONAL AGRICULTURAL LIBRARY
BELTSVILLE, MD.

United States Department of
Agriculture
Science and Education
Administration

George M. Darrow (center), an
eminent breeder of strawberries
at the U.S. Dept. of Agriculture's
Beltsville, Md. Research Center
for 46 years, samples strawberries

from the Center at the ceremony opening an exhibit in his honor. Paul Putnam, Acting Director of the Beltsville Center (left), and Richard A. Farley, (right), Administrator for Technical Information Systems, Science and Education Administration, USDA, assist the 91-year old retired scientist. Members of the Md.-U.S. Cooperating Strawberry Breeding Nurserymen also attended the ceremony. As principal horticulturist with USDA, Darrow made wide-ranging contributions to the improvement of fruit cultivars in this country. His research included the breeding and improvement of blackberries and blueberries, and hybridization of flowers. A disease-resistant strawberry cultivar and a blueberry variety free of ringspot virus were named in his honor.

Darrow retired from USDA in 1957 and became a consultant to the Department. His prolific writings on fruit cultivars are considered outstanding. 

TECHNICAL INFORMATION SYSTEMS
SCIENCE AND EDUCATION ADMINISTRATION
U.S. DEPARTMENT OF AGRICULTURE

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INTERNATIONAL FOOD INFORMATION SERVICE

The International Food Information Service (FSTA) provides a comprehensive abstracting and information service in food science and technology. It covers world food journals, patents, standards, and textbooks. FSTA was created in 1968 by a consortium composed of the Institute of Food Technologists (United States), the Institute für Dokumentationswesen (Germany), the Zentralstelle für Machinelle Dokumentation (Germany), and the Commonwealth Agricultural Bureau. The Consortium was later joined by PUDOC, the Dutch Agricultural Documentation Centre.

The main objective of the Consortium was creation of a comprehensive abstracting and information service in food science and technology which would cover the world literature and condense it into abstracts. Two basic formats were selected for distribution of information: a monthly journal, *Food Science and Technology Abstracts* and a computerized citation and abstract data base of all material contained in the journal.

FSTA is the only bibliographic data base dedicated solely to the subject of food science and technology. Four types of publications are covered: (1) primary journals, (2) patents, (3) standards, and (4) textbooks. Over 1,400 journals from more than 74 countries are scanned and abstracted regularly and these citations comprise approximately 84 percent of the data base.

Four subject areas dominate the total number of abstracts in the data base: milk and dairy products (13.11 percent); alcoholic and non-alcoholic beverages (11.68 percent); fruit, vegetables, and nuts (10.94 percent); and meat, poultry, and game (10.31 percent); these four provide over 46 percent of the total. The remainder is comprised of abstracts in the broad area of food science and

technology *per se* and its relationship to other disciplines.

In the area of nutrition, only documents dealing with the biological testing of food additives with the manufacture of foods with a special dietary significance or with the general theme of the effect of processing on nutritive values are included. Quantity food production relating to the handling, processing, and storage of food in bulk and large scale cooking of prepared foods are also included in the data base.

Technical or scientific coverage of the literature is very comprehensive. The file is not all inclusive of the trade literature of food technology.

FSTA is now implemented world-wide. Dr. Uda Schuttsach, Joint-Managing Director of the Service, reports a growing interest in developing countries in an SDI service on a monthly basis. For example, the data base was chosen by the South-east Asian Research Council on Agriculture to serve as a model SDI service in the creation of an Agricultural Information Bank for Asia (AIBA). A similar project is underway in Nigeria with the cooperation of UNESCO. It is the policy of IFIS not only to sell their data base, but also to make available the technical know-how collected over 10 years.

The data base has been implemented in a number of information centers for selective dissemination of information. Customers contact an information center to obtain literature citations on a continuous basis in their field of interest. FSTA tapes are run against profiles each month. Online service is offered by Telenet/Tymnet and in the near future Euronet. Both the U.K. office and the German Office of IFIS are able to perform online searches for customers.

(FSTA, Continued on page 3)

(FSTA, Continued from page 2)

Charges vary according to the number of items involved and the complexity of a search.


For information on the journal, data base content, and other editorial services, please contact:

E. J. Marin, Joint Managing Director
International Food Information Service
Lane End House, Shinfield
Reading RG2 9BB, England
Tel: Reading (0734) 883895
Telex: 848204

For information on magnetic tape services, please contact:

U. Schutzsack, Joint Managing Director
Gesellschaft für Information und
Dokumentation
Herriotstrasse 5
D-6000 Frankfurt (Niederrad) 71
Federal Republic of Germany
Tel: (0611) 66 87
Telex: 4 14 351

Articles on IFIS and its first ten years have been published in *Food Manufacture* 54(5):53-55, May 1979 (Ernest Mann, "IFIS - The First Ten Years") and *Food for Thought, Newsletter of the Food and Nutrition Division of the Special Libraries Association*, 11(6) May 1980 (William D. Davidson, "International Food Information Service - The First 10 Years.")

--Material for this article provided by Dr. Uda Schutzsack, FSTA, and Robyn Frank, Food & Nutrition Information Center, TIS/SEA/USDA. 

FOODS ADLIBRA

A comparative newcomer to the food and nutrition field is *FOODS ADLIBRA*, a twice-monthly publication with a corresponding computer data base that began in 1974. *FOODS ADLIBRA* contains abstracts

and information from nearly 300 trade, scientific, business, and government publications, the U.S. Patent Office Official Gazette, and company, university, and association news releases.

Emphasis is placed on current market and food processing information dealing with all aspects of the food industry. It does not include extensive research literature citations. The majority of publications issuing in a particular month are abstracted in *FOODS ADLIBRA* issues dated in the same month.

FOODS ADLIBRA provides particularly good coverage of food marketing, new food products, or news of the food industry. Other subject areas include nutrition and toxicology information; government, company, and association news; packaging developments; food commodities; news; and world food economics.

Through a joint venture of the publisher, K&M Publications, Inc., and General Mills, Inc., the database is available for online searching on Lockheed's Dialog information retrieval service. Price per connect hour is \$55.00 with a charge of 10¢ per print for offline prints.

For further information contact:

Joel T. Komp, Editor
K&M Publications, Inc.
2000 Frankfort Ave.
Louisville, KY 40206
(502) 897-6736

or

William J. Mayer, Manager
Technical Information Services
General Mills, Inc.
James Ford Bell Technical Ctr.
9000 Plymouth Avenue North
Minneapolis, MN 55427
(612) 540-2801





The titles listed below are owned by the Library; those lacking call numbers have not yet been cataloged. The foreign, as well as domestic titles are available from the Library through loan or photocopy.

Bibliography of Greenhouse and Plant Growth Facilities. Compiled by David S. Ross. (University of Maryland. Cooperative Extension Service. Agricultural Engineering FACTS 125). College Park, Maryland, University of Maryland, Agricultural Engineering Dept. March 1980. 16 p. Approx. 190 citations. Prepared for the SE-303, Environment of Plant Structures Committee, American Society of Agricultural Engineers. Order from: Compiler, Agricultural Engineering Dept., University of Maryland, College Park, MD 20742. Free.

* * *

The following bibliographies were published as a series of bibliographies prepared by the Technical Library of the Tennessee Valley Authority. (NAL call no. for series: Z5074.F4N3). Titles are free. Order from: Technical Library, Tennessee Valley Authority, Muscle Shoals, AL 35660. (NAL call no. for series: Z5074.F4N3).

Suspension Fertilizers, 1977-1979. (No. 1004 S(1)). January 1980. 4 p. 37 citations.

Storage of Fertilizers, 1973-1979. (No. 1010 S). December 1979. 4 p. 50 citations.

Foliar Application of Fertilizers, 1974-1979. (No. 1082). November 1979. 12 p. 138 citations.

Pop-up Fertilizers, 1966-1979. (No. 1110 (Rev.)). November 1979. 3 p. 31 citations.

Urea Phosphate, 1976-1978. No. 1247S(2)). October 1979. 1 p. 8 citations.

People's Republic of China: Fertilizer Industry--Agriculture--Trade, 1974-1979. (No. 1634). November 1979. 10 p. 137 citations.

Sawdust as a Soil Amendment, 1940-1979. (No. 1635). December 1979. 8 p. 84 citations.

Agriculture in the Sudan: Selected References. (No. 1637). December 1979. 2 p. 21 citations.

ARBOR-TOPICS

The librarian of the U.S. National Arboretum, Ann Juneau, is issuing a bibliographic information sheet titled ARBOR-TOPICS similar in appearance to the AGRI-TOPICS issued by the Reference Branch of Technical Information Systems, SEA/USDA. ARBOR-TOPICS will be issued irregularly; each will cover a different topic and will list free or inexpensive bulletins, periodicals, and monographs, as well as names of societies and other organizations pertinent to the topic. If any of you, our readers, have a subject to suggest for either an ARBOR-TOPIC or an AGRI-TOPIC, please forward your ideas to Chief, Reference Branch, Library Operations Division, TIS/SEA/USDA, NAL Bldg., Beltsville, Md. 20705.

To request copies of the ARBOR-TOPICS listed below, send title, series number, and a return addressed label to Reference Branch, TIS/SEA, Rm. 302, NAL Bldg., Beltsville, Md. 20705.

- No. 1. Culinary Herbs. May 1980. 2 p.
- No. 2. Fragrance Plants. May 1980. 2 p.
- No. 3. Dye Plants. May 1978, i.e. 1980. 2 p.

QUICK BIBLIOGRAPHY SERIES

The bibliographies in this series are primarily computerized online or batch bibliographies emanating from searches performed by the IIS Reference Staff in response to customer requests.

Searches are selected for inclusion based on the currency of the topic, interest among clientele, relative length (approximately 150 citations or more) and probable value to a larger audience. All titles in this series will be listed for six months. Revisions or updates will be re-numbered and reannounced. Only one copy of a title will be sent; however, requestors may make copies. To request a copy of a Quick Bibliography send the title, series number, and a return addressed label to:

Reference Branch
Technical Information Systems, SEA,
USDA
NAL Bldg.
Beltsville, MD 20705

NAL--BIBL. 80-05. *Irrigation Scheduling, 1969-1979*. 192 citations from AGRICOLA. Search by Jayne T. MacLean. April 1980.

NAL--BIBL.--80-06. *Urban Forestry, 1974-1979*. 402 citations from AGRICOLA. Search by Jayne T. MacLean. April 1980.

NAL--BIBL.--80-07. *Aquatic Weed Control, 1969-1979*. Search by Jayne T. MacLean. April 1980.

NAL--BIBL.--80-08. *Training Manuals, Handbooks, Guides and Audiovisual Materials on Pesticides, 1963-1979*. 202 citations from AGRICOLA. Search Charles N. Bebee. April 1980.

NAL--BIBL.--80-09. *Wind Energy in Agriculture, 1970-1979*. Pt. 1: 48 citations; Pt. 2: 122 citations, from AGRICOLA. Search by Jayne T. MacLean. April 1980.

NAL--BIBL.--80-10. *Minimum Tillage, 1974-1979*. 357 citations from AGRICOLA. Search by Jayne T. MacLean. April 1980.

NAL--BIBL.--80-11. *Small Farms, Family and Part-Time Farming in the United States, 1967-1979*. 334 citations from AGRICOLA. Search by Charles N. Bebee.

NAL--BIBL. 80-12. *Poisonous and Hallucinogenic Mushrooms, 1969-1979*. 183 citations from AGRICOLA. Search by Charles N. Bebee and Maydelle Stewart.

MT. ST. HELENS

NAL--BIBL.--80-13. *Volcanic Ash: Biological Effects, 1968-1979*. 38 citations from AGRICOLA. Search by Charles N. Bebee, Jayne T. MacLean, and Phyllis L. Cleveland. May 1980.

Mt. St. Helens' eruption was felt by the Reference Branch, SEA/TIS/NAL, on Monday, May 19, the day following the first eruption! That day staff began on-line searches for articles on volcanic ash and its effect on vegetation and insects at the request of Dr. Merrill L. Cleveland, National Research Program Leader, SEA/AR. Dr. Cleveland sought information for himself and scientists at the Fruit and Vegetable Laboratory at Yakima, Washington, which is 85 miles from Mt. St. Helens. The Yakima Valley, which produces apples, cherries, and other fruits as well as several varieties of vegetables, was covered with several inches of ash. Scientists sought information on what to expect as a result of this accumulation.

Knowing that others in the Northwest would want this kind of information, the Reference Branch gave highest priority to preparing a quick bibliography. The first copies were distributed four days later, setting a record for total elapsed time from beginning to completion of a quick bibliography.



ENERGY FOR WORLD AGRICULTURE



Energy for World Agriculture.
B.A. Stout in collaboration with
C. A. Myers, A. Hurand, L. W.
Faidley. Rome, Food and
Agriculture Organization of the
United Nations, 1979. 286 p.
(FAO Agricultural Series No. 7).
\$16.25. ISBN 92-5-100465-X.
Available in U.S. from UNIPUB,
P.O. Box 433, Murray Hill
Station, New York, N. Y. 10016.

Agriculture is both a producer
and a consumer of energy, yet it
accounts for only a small share
of overall energy consumption.
This publication attempts to put
into perspective energy in
relation to the food system and
to provide guidance in the
application of energy to
agriculture in order to increase
food supplies--especially in
developing countries.

*Weather-Information Systems for On-Farm
Decision Making.* Committee on
Weather-Information Systems, Board on
Agriculture and Renewable Resources;
Commission on Natural Resources,
National Research Council (Board on
Agriculture and Renewable Resources),
1980; 95 p.; Free. Available from the
board; supply limited.

*International Congress on Protozoology
5th, New York, 1977.* \$19.00. Society
of Protozoologists, 1979. 221 p. \$19.00.

*Methodology for the Assessment of Air
Pollution Effects on Vegetation: A
Handbook.* The Technical Council of Air
Pollution Control Association. (Pitts-
burg, Pa. 1979). 400 p. \$15.00.

The published proceedings listed below
are available through

Interdok Corporation
Box 326
Harrison, New York 10528

*The Role of Helicopters in Agricultural
Aviation, and Chemical Safety Aspect;
Sessions at Symposium of Agricultural
Aviation Group.* London, Royal Aeronauti-
cal Society, 1979. 150 p. \$11.00.

*International Congress on Essential
Oils.* 7th, Kyoto, Japan,
1977. Maruzen Co., Ltd., 1979.
552 p. \$56.00.



CAPITOL HILL LEGISLATION



Agricultural Subterminal Storage Facilities Act of 1979. H.R. 7141 [S.261]. Amends the Consolidated Farm and Rural Development Act to authorize loans for the construction and improvement of subterminal storage and transportation facilities for certain types of agricultural commodities to provide for the development of State plans to improve such facilities within the States or within a group of States acting together on a regional basis. Passed Senate May 23, 1979; referred to House Agriculture May 30, 1979.

Antibiotics Preservation Act. H.R. 7285. Amends the Federal Food, Drug, and Cosmetic Act to limit the antibiotic drugs which may be used in subtherapeutic doses in animal feed. Introduced May 7, 1980, referred to the Committee on Interstate and Foreign Commerce.

Plant Variety Protection. H.R. 999. Amends the Plant Variety Protection Act to clarify its provisions. January 18, 1979, referred to House Agriculture Committee.

Soybean Emergency Act of 1980. H.R. 7121. Amends Agricultural Act of 1949, that notwithstanding any other provision of law, the price of the 1980 and 1981 crops of soybeans shall be supported through loans and purchases at a level of not less than \$5.02 per bushel. Bill referred to Appropriations May 16, 1980.

AGRICULTURE DATEBOOK



August 3-6: *35th SOIL CONSERVATION SOCIETY OF AMERICA INTERNATIONAL CONFERENCE.* Dearborn, Mich. Contact: William Greiner, SCSA, 7515 Northeast Ankeny Road, Ankeny, IA 50021.

August 10-14: *WESTERN HEMISPHERE NUTRITION CONGRESS VI.* Los Angeles, Calif. Contact: Max Milner, Executive Officer, American Institute of Nutrition, 9650 Rockville Pike, Bethesda, MD 20014.

September 15-19: *INTERNATIONAL SEMINAR ON ENERGY CONSERVATION AND THE USE OF SOLAR AND OTHER RENEWABLE ENERGIES IN AGRICULTURE, HORTICULTURE AND FISHCULTURE.* London, England. Contact: Frederick Vogt, Polytechnic of Central London, 35 Marylebone Rd., London NW1 4LS, England (COMM01-486-5811, ext. 284).

September 21-26: *1st LATIN AMERICAN LIBRARIANSHIP AND DOCUMENTATION CONGRESS.* Salvador-Bahia, Brazil. Contact: Noreth Calmon de Cerqueira Ribeiro, Bibliotecaria CRB 5/103, Secretaria Executiva, Av. Antonio Carlos Magalhaes, s/n-Pituba, PETROBRAS/ SEN-BA, Salvador-Bahia-Brasil.

November 17-21: *9th PAMAMERICAN SEMINAR ON SEEDS.* Buenos Aires, Argentina. Contact: Secretaria Administrativa, Corrientes 127-5° Pisco-Of. 513 (1043) Buenos Aires - Republica Argentina.

December 1-2: *ASAE CONFERENCE ON CROP PRODUCTION WITH CONSERVATION IN THE 80's.* Palmer House, Chicago, IL. Contact: John C. Siemans, Chairman, Conference on Crop Production with Conservation in the 80's, Agricultural Engineering Department, Univ. of Illinois, Urbana, IL 61801 (telephone: 217-333-2854).

**NEW SERIALS
RECEIVED AT NAL**



UNIVERSITY OF FLORIDA
3 1262 08138 724 2

*FORTSCHRITTE DER TIERZUCHTUNG UND
ZUCHTUNGSBIOLOGIE (ADVANCES IN
ANIMAL BREEDING AND GENETICS).*
Hamburg, Parey. Heft 1, 1979-

SF105.A1F6

HYPERBARIC OXYGEN REVIEW. New York,
Plenum Press. Vol. 1, 1980-

Z6665.09

*INTERNATIONAL JOURNAL OF IMMUNOPHARMA-
COLOGY.* Oxford, New York, Pergamon.
52 Vol. 1, 1979-

OR180.1.

OFFICIAL AMERICAN HORSEMAN. New York,
Stories, Layouts & Press, Inc.
Vol. 1, 1979-

SF277.032

OZONE: SCIENCE AND ENGINEERING.
New York, Oxford, Pergamon. Vol. 1,
1979-

TD461.09

RURAL LIBRARIES. Clarion, Penn.,
Center for the Study of Rural
Librarianship. Vol. 1, 1980-

5Z675.V7R8

TRENDS IN PHARMACOLOGICAL SCIENCES.
Amsterdam, published by Elsevier in
association with The International
Union of Pharmacology. Vol. 1,
1979-

RM1.T7

TOPICS IN AUTOMATIC CHEMICAL ANALYSIS.
Chester, Eng., E. Horwood, New York,
Halsted Press. Vol. 1, 1979-

QD75.4.A8

*VASCULAR FLORA OF THE SOUTHEASTERN
UNITED STATES.* Chapel Hill, Univ.
of North Carolina Press. Vol. 1, 1980-

QK125 b .V3

WOOL QUARTERLY. London, Commonwealth
Secretariat. Vol. 1, 1979- HD9890.1.W

ENERGY PROGRAM NOTES. (Washington,
D.C.). Science and Education
Administration-Extension. m. Free.
Request from Glenda Pifer, Extension
Energy Coordinator, 6813 South Agri.
Bldg., SEA/USDA, Washington, D.C. 20250.

SMALL FARM FAMILY NEWSLETTER. Washing-
ton, D.C., U.S. Dept. of Agriculture.
m. Free. Prepared by the USDA Small
Farm Working Group. Request from Ovid
Bay, Room 6811, South Agri. Bldg.,
SEA/USDA Washington, D.C. 20250.



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